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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: SOLHEID ET AL. Examiner: J. NASRI
Serial No.: 10/613,764 Group Art Unit: 2839
Filed: JULY 2, 2003 Docket: 2316.1785US01
Confirmation No.: 7163
Title: TELECOMMUNICATIONS CONNECTION CABINET

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on January 12, 2007.

By: Anne Lee

Name: Anne Lee

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

23552

PATENT TRADEMARK OFFICE

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Petition for Correction of Inventorship Under 37 C.F.R. 1.48(a)
- ☒ 4 signed Combined Declaration and Power of Attorney documents
- ☒ Written Consent of Assignee to Correct Inventorship
- ☒ Certificate Under 37 C.F.R. § 3.73(b) and copy of Assignments of Joel B. Douglas, Kathleen M. Barnes, and Marlon E. Holmquist
- ☒ Statement of Joel B. Douglas; Statement of Kathleen M. Barnes; Statement of Marlon E. Holmquist
- ☒ Check(s) in the amount of \$130 for Petition for Correction of Inventorship
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

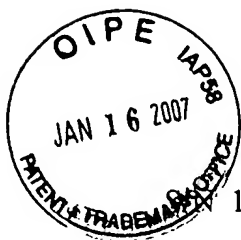
Merchant & Gould P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903
612.332.5300

By: David G. Schmaltz

Name: David G. Schmaltz

Reg. No.: 39,828

DSchmaltz:JKS:jrm



10/613,764

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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By: Anne Lee

Name: Bridget O. Gabriel Anne Lee

PETITION FOR CORRECTION OF INVENTORSHIP
UNDER 37 C.F.R. § 1.48(a)

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

This is a petition for correction of error in a nonjoinder of three inventors in the above-referenced application. It is respectfully requested that the Examiner grant Applicants' petition for correction of inventorship. In accordance with 37 C.F.R. § 1.48(a), enclosed herewith are:

- a. a Statement of Joel B. Douglas, who is being **added** as an inventor;
- b. a Statement of Kathleen M. Barnes, who is being **added** as an inventor;
- c. a Statement of Marlon E. Holmquist, who is being **added** as an inventor;
- d. an oath signed by each actual inventor; and
- e. Written Consent of the Assignee, ADC Telecommunications, Inc.

A check including the amount of \$130.00 required under 37 C.F.R. § 1.17(i) is enclosed. It is believed that this fee is sufficient for the present addition of inventors. In the event additional fees are required, please charge the additional fees to Deposit Account No. 13-2725.

Please direct future correspondence on this matter as currently established.



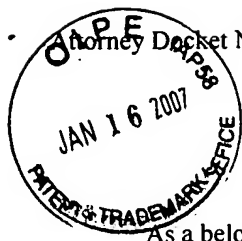
Date: 11/2/07

Respectfully submitted,

MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, Minnesota 55402-0903
(612) 332-5300

A handwritten signature in black ink, appearing to read "David G. Schmaltz". The signature is written in a cursive, flowing style with a long horizontal stroke at the end.

David G. Schmaltz
Reg. No. 39,828
DGS/JKS:bog



Attorney Docket No. 2316.1785US01

MERCHANT & GOULD P.C.

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
TELECOMMUNICATIONS CONNECTION CABINET.

The specification of which

- a. ☐ is attached hereto
b. ☒ was filed on **July 2, 2003** as application serial no. **10/613,764** and was amended on (if applicable) (in the case of a PCT-filed application) described and claimed in international no. filed and as amended on (if any), which I have reviewed and for which I solicit a United States patent.

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b. ☐ such applications have been filed as follows:

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U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)

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or

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(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application:
- (2) Each attorney or agent who prepares or prosecutes the application; and

(3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

(e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby appoint the attorney(s) and/or patent agent(s) associated with the following customer number to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

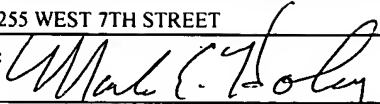


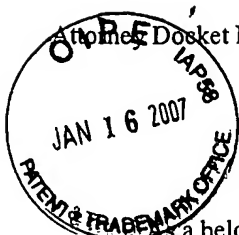
I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould P.C. to the contrary.

I understand that the execution of this document, and the grant of a power of attorney, does not in itself establish an attorney-client relationship between the undersigned and the law firm Merchant & Gould P.C., or any of its attorneys.

Please direct all correspondence in this case to customer number 23552.

2	Full Name Of Inventor	Family Name SOLHEID	First Given Name JAMES	Second Given Name J.
0	Residence & Citizenship	City LAKEVILLE	State or Foreign Country MINNESOTA	Country of Citizenship USA
1	Mailing Address	Address 10554 170 TH ST WEST	City LAKEVILLE	State & Zip Code/Country MINNESOTA 55044/USA
Signature of Inventor 201:			Date: 12-12-06	
2	Full Name Of Inventor	Family Name MERTESDORF	First Given Name DANIEL	Second Given Name RAY
0	Residence & Citizenship	City DULUTH	State or Foreign Country MINNESOTA	Country of Citizenship USA
2	Mailing Address	Address 1030 N. 43RD AVE. E.	City DULUTH	State & Zip Code/Country MINNESOTA 55804/USA
Signature of Inventor 202:			Date:	
2	Full Name Of Inventor	Family Name HOLMBERG	First Given Name MATTHEW	Second Given Name J.
0	Residence & Citizenship	City LE CENTER	State or Foreign Country MINNESOTA	Country of Citizenship USA
3	Mailing Address	Address 440 N. ROLLING HILLS DRIVE	City LE CENTER	State & Zip Code/Country MINNESOTA 56057/USA
Signature of Inventor 203:			Date: Dec 12, 06	
2	Full Name Of Inventor	Family Name SMITH	First Given Name TREVOR	Second Given Name D.
0	Residence & Citizenship	City EDEN PRAIRIE	State or Foreign Country MINNESOTA	Country of Citizenship USA
4	Mailing Address	Address 17860 LIV LANE	City EDEN PRAIRIE	State & Zip Code/Country MINNESOTA 55346/USA
Signature of Inventor 204:			Date: 12-12-06	
2	Full Name Of Inventor	Family Name DOUGLAS	First Given Name JOEL	Second Given Name B.
0	Residence & Citizenship	City HUTCHINSON	State or Foreign Country MINNESOTA	Country of Citizenship USA
5	Mailing Address	Address 159 ELK DRIVE	City HUTCHINSON	State & Zip Code/Country MINNESOTA 55350/USA
Signature of Inventor 205:			Date:	
2	Full Name Of Inventor	Family Name BARNES	First Given Name KATHLEEN	Second Given Name M.
0	Residence & Citizenship	City GOLDEN VALLEY	State or Foreign Country MINNESOTA	Country of Citizenship USA
6	Mailing Address	Address 625 WESLEY COMMONS DRIVE, SUITE 42	City GOLDEN VALLEY	State & Zip Code/Country MINNESOTA 55427/USA
Signature of Inventor 206:			Date:	

2	Full Name Of Inventor	Family Name HOLMQUIST	First Given Name MARLON	Second Given Name E.
0	Residence & Citizenship	City GIBBON	State or Foreign Country MINNESOTA	Country of Citizenship USA
7	Mailing Address	Address 255 WEST 7TH STREET	City GIBBON	State & Zip Code/Country MINNESOTA 55335/USA
Signature of Inventor 207: 			Date: 12-12-2006	



Case Docket No. 2316.1785US01

MERCHANT & GOULD P.C.

United States Patent Application

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The specification of which

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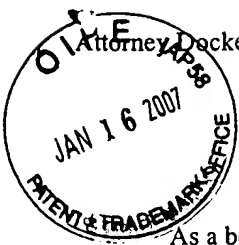
I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould P.C. to the contrary.

I understand that the execution of this document, and the grant of a power of attorney, does not in itself establish an attorney-client relationship between the undersigned and the law firm Merchant & Gould P.C., or any of its attorneys.

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Attorney Docket No. 2316.1785US01

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- (1) Each inventor named in the application:
- (2) Each attorney or agent who prepares or prosecutes the application; and

(3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

(e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby appoint the attorney(s) and/or patent agent(s) associated with the following customer number to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.



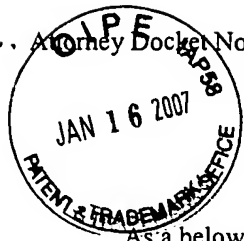
I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould P.C. to the contrary.

I understand that the execution of this document, and the grant of a power of attorney, does not in itself establish an attorney-client relationship between the undersigned and the law firm Merchant & Gould P.C., or any of its attorneys.

Please direct all correspondence in this case to customer number 23552.

2	Full Name Of Inventor	Family Name SOLHEID	First Given Name JAMES	Second Given Name J.
0	Residence & Citizenship	City LAKEVILLE	State or Foreign Country MINNESOTA	Country of Citizenship USA
1	Mailing Address	Address 10554 170 TH ST WEST	City LAKEVILLE	State & Zip Code/Country MINNESOTA 55044/USA
Signature of Inventor 201:			Date:	
2	Full Name Of Inventor	Family Name MERTESDORF	First Given Name DANIEL	Second Given Name RAY
0	Residence & Citizenship	City DULUTH	State or Foreign Country MINNESOTA	Country of Citizenship USA
2	Mailing Address	Address 1030 N. 43RD AVE. E.	City DULUTH	State & Zip Code/Country MINNESOTA 55804/USA
Signature of Inventor 202:			Date:	
2	Full Name Of Inventor	Family Name HOLMBERG	First Given Name MATTHEW	Second Given Name J.
0	Residence & Citizenship	City LE CENTER	State or Foreign Country MINNESOTA	Country of Citizenship USA
3	Mailing Address	Address 440 N. ROLLING HILLS DRIVE	City LE CENTER	State & Zip Code/Country MINNESOTA 56057/USA
Signature of Inventor 203:			Date:	
2	Full Name Of Inventor	Family Name SMITH	First Given Name TREVOR	Second Given Name D.
0	Residence & Citizenship	City EDEN PRAIRIE	State or Foreign Country MINNESOTA	Country of Citizenship USA
4	Mailing Address	Address 17860 LIV LANE	City EDEN PRAIRIE	State & Zip Code/Country MINNESOTA 55346/USA
Signature of Inventor 204:			Date:	
2	Full Name Of Inventor	Family Name DOUGLAS	First Given Name JOEL	Second Given Name B.
0	Residence & Citizenship	City HUTCHINSON	State or Foreign Country MINNESOTA	Country of Citizenship USA
5	Mailing Address	Address 159 ELK DRIVE	City HUTCHINSON	State & Zip Code/Country MINNESOTA 55350/USA
Signature of Inventor 205: <i>Joel B. Douglas</i>			Date: <i>01/07/07</i>	
2	Full Name Of Inventor	Family Name BARNES	First Given Name KATHLEEN	Second Given Name M.
0	Residence & Citizenship	City GOLDEN VALLEY	State or Foreign Country MINNESOTA	Country of Citizenship USA
6	Mailing Address	Address 625 WESLEY COMMONS DRIVE, SUITE 42	City GOLDEN VALLEY	State & Zip Code/Country MINNESOTA 55427/USA
Signature of Inventor 206:			Date:	

2	Full Name Of Inventor	Family Name HOLMQUIST	First Given Name MARLON	Second Given Name E.
0	Residence & Citizenship	City GIBBON	State or Foreign Country MINNESOTA	Country of Citizenship USA
7	Mailing Address	Address 255 WEST 7TH STREET	City GIBBON	State & Zip Code/Country MINNESOTA 55335/USA
Signature of Inventor 207:			Date:	



Attorney Docket No. 2316.1785US01

MERCHANT & GOULD P.C.

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
TELECOMMUNICATIONS CONNECTION CABINET.

The specification of which

- a. ☐ is attached hereto
b. ☒ was filed on **July 2, 2003** as application serial no. **10/613,764** and was amended on (if applicable) (in the case of a PCT-filed application) described and claimed in international no. filed and as amended on (if any), which I have reviewed and for which I solicit a United States patent.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

- a. ☒ no such applications have been filed.
b. ☐ such applications have been filed as follows:

FOREIGN APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER 35 USC § 119			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)

ALL FOREIGN APPLICATION(S), IF ANY, FILED BEFORE THE PRIORITY APPLICATION(S)			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

U.S. PROVISIONAL APPLICATION NUMBER	DATE OF FILING (Day, Month, Year)

I acknowledge the duty to disclose information that is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (reprinted below):

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim;

or

- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application:
- (2) Each attorney or agent who prepares or prosecutes the application; and

(3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

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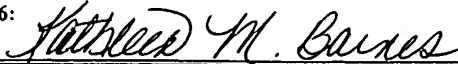
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Signature of Inventor 203:			Date:	
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4	Mailing Address	Address 17860 LIV LANE	City EDEN PRAIRIE	State & Zip Code/Country MINNESOTA 55346/USA
Signature of Inventor 204:			Date:	
2	Full Name Of Inventor	Family Name DOUGLAS	First Given Name JOEL	Second Given Name B.
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Signature of Inventor 205:			Date:	
2	Full Name Of Inventor	Family Name BARNES	First Given Name KATHLEEN	Second Given Name M.
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6	Mailing Address	Address 625 WESLEY COMMONS DRIVE, SUITE 42	City GOLDEN VALLEY	State & Zip Code/Country MINNESOTA 55427/USA
Signature of Inventor 206:			Date:	
			12-04-2006	

2	Full Name Of Inventor	Family Name HOLMQUIST	First Given Name MARLON	Second Given Name E.
0	Residence & Citizenship	City GIBBON	State or Foreign Country MINNESOTA	Country of Citizenship USA
7	Mailing Address	Address 255 WEST 7TH STREET	City GIBBON	State & Zip Code/Country MINNESOTA 55335/USA
Signature of Inventor 207:			Date:	



S/N 10/613,764

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	SOLHEID ET AL.	Examiner:	J. NASRI
Serial No.:	10/613,764	Group Art Unit:	2839
Filed:	JULY 2, 2003	Docket No.:	2316.1785US01
		Confirmation No.:	7163
Title:	TELECOMMUNICATIONS CONNECTION CABINET		

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Services, as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on January 12, 2006 ~~2006~~ 2007

By: Anne Lee
Name: Bridget O. Gabriel Anne Lee

WRITTEN CONSENT OF THE ASSIGNEE
TO CORRECT INVENTORSHIP

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450



Dear Sir:

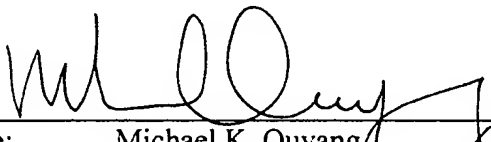
ADC Telecommunications, Inc., a corporation organized and existing under the laws of the State of Minnesota, having a place of business at 13625 Technology Drive, Eden Prairie, Minnesota 55344-2252, represents that it is the assignee of rights in the above referenced application.

ADC Telecommunications, Inc., hereby consents to the **addition** of Joel B. Douglas, Kathleen M. Barnes, and Marlon E. Holmquist as inventors of the above-identified application.

Attached hereto is a Certificate in accordance with 37 C.F.R. 3.73 establishing ADC Telecommunications, Inc.'s right to act.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: December 13, 2006

By: 
Name: Michael K. Ouyang
Title: Chief Intellectual Property Counsel



S/N 10/613,764

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	SOLHEID ET AL.	Examiner:	J. NASRI
Serial No.:	10/613,764	Group Art Unit:	2839
Filed:	JULY 2, 2003	Docket No.:	2316.1785US01
		Confirmation No.:	7163
Title:	TELECOMMUNICATIONS CONNECTION CABINET		

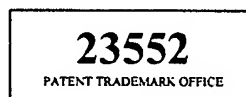
CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Services, as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on January 12, 2007

By: Anne Lee

Name: Bridget O. Gabriel Anne Lee

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450



Dear Sir:

ADC Telecommunications, Inc., a corporation organized and existing under the laws of the State of Minnesota, having a place of business at 13625 Technology Drive, Eden Prairie, Minnesota 55344-2252, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

- A. ☒ An assignment from the originally listed inventors to ADC Telecommunications, Inc. The assignment was recorded in the Patent and Trademark Office on June 4, 2004, at Reel 015413, Frame(s) 0062. The assignment from added inventors, Joel B. Douglas, Kathleen M. Barnes, and Marlon E. Holmquist, to ADC Telecommunications, Inc. is being recorded concurrently herewith, and a copy is attached.

B. ☐ A chain of title from the inventor(s) of the patent application identified above to the current assignee as shown below:

1. From: To:

The document was recorded in the Patent and Trademark Office at Reel ,
Frame(s) , or for which a copy thereof is attached.

2. From: To:

The document was recorded in the Patent and Trademark Office at Reel ,
Frame(s) , or for which a copy thereof is attached.

3. From: To:

The document was recorded in the Patent and Trademark Office at Reel ,
Frame(s) , or for which a copy thereof is attached.

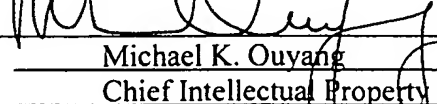
☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: December 13, 2006

By: 
Name: Michael K. Ouyang
Title: Chief Intellectual Property Counsel

ASSIGNMENT

WHEREAS, we, Joel B. Douglas, residing at 159 Elk Drive, Hutchinson, Minnesota 55350, Kathleen M. Barnes, residing at 625 Wesley Commons Drive, Suite #42, Golden Valley, Minnesota 55427, and Marlon E. Holmquist residing at 255 West 7th Street, Gibbon, Minnesota 55335, made certain new and useful inventions and improvements for which an application for Letters Patent of the United States has been filed on July 2, 2003, which is entitled TELECOMMUNICATIONS CONNECTION CABINET, and which has application Serial No. 10/613,764.

AND WHEREAS, ADC Telecommunications, Inc., a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 13625 Technology Drive, Eden Prairie, Minnesota 55344 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary

or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 7TH day of JANUARY, 2007.



Joel B. Douglas

STATE OF MINNESOTA)
) ss.
COUNTY OF MCLEOD)

On this _____ day of _____, 20____, before me personally appeared Joel B. Douglas to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

_____, 2004.

Kathleen M. Barnes

STATE OF _____

) ss.

COUNTY OF _____

On this _____ day of _____, 2004, before me personally appeared Kathleen M. Barnes to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

_____, 2004.

Marlon E. Holmquist

STATE OF _____

) ss.

COUNTY OF _____

On this _____ day of _____, 2004, before me personally appeared Marlon E. Holmquist to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

ASSIGNMENT

WHEREAS, we, Joel B. Douglas, residing at 159 Elk Drive, Hutchinson, Minnesota 55350, Kathleen M. Barnes, residing at 625 Wesley Commons Drive, Suite #42, Golden Valley, Minnesota 55427, and Marlon E. Holmquist residing at 255 West 7th Street, Gibbon, Minnesota 55335, made certain new and useful inventions and improvements for which an application for Letters Patent of the United States has been filed on July 2, 2003, which is entitled TELECOMMUNICATIONS CONNECTION CABINET, and which has application Serial No. 10/613,764.

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NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary

AND, furthermore I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 20____.

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 20____, before me personally appeared Joel B. Douglas to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 4 day of December, 2004. ⁶ KMB

Kathleen M. Barnes
Kathleen M. Barnes

STATE OF Minnesota)
) ss.
COUNTY OF Anoka)

On this 4 day of December, 2004, ⁶ ~~2004~~ before me personally appeared Kathleen M. Barnes to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



[Signature]
Notary Public

12/4/04

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2004.

Marlon E. Holmquist

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2004, before me personally appeared Marlon E. Holmquist to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

ASSIGNMENT

WHEREAS, we, Joel B. Douglas, residing at 159 Elk Drive, Hutchinson, Minnesota 55350, Kathleen M. Barnes, residing at 625 Wesley Commons Drive, Suite #42, Golden Valley, Minnesota 55427, and Marlon E. Holmquist residing at 255 West 7th Street, Gibbon, Minnesota 55335, made certain new and useful inventions and improvements for which an application for Letters Patent of the United States has been filed on July 2, 2003, which is entitled TELECOMMUNICATIONS CONNECTION CABINET, and which has application Serial No. 10/613,764.

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NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary

AND, furthermore I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

Joel B. Douglas

On this _____ day of _____, 20__, before me personally appeared Joel B. Douglas to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2004.

Kathleen M. Barnes

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2004, before me personally appeared Kathleen M. Barnes to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

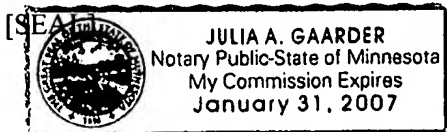
IN TESTIMONY WHEREOF, I have hereunto set my hand this 12th day of DECEMBER, 2004.
2006

Umead

Marlon E. Holmquist

STATE OF MINNESOTA)
) ss.
COUNTY OF HENNEPIN)

On this 12th day of DECEMBER, 2004^{6th}, before me personally appeared Marlon E. Holmquist to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.



Julia A. Gaarder
Notary Public



10/613,764

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	SOLHEID ET AL.	Examiner:	J. NASRI
Serial No.:	10/613,764	Group Art Unit:	2839
Filed:	JULY 2, 2003	Docket No.:	2316.1785US01
		Confirmation No.:	7163
Title:	TELECOMMUNICATIONS CONNECTION CABINET		

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on January 12, 2007

By: Anne Lee

Name: Bridget O. Gabriel Anne Lee

STATEMENT OF JOEL B. DOUGLAS

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Inventorship in the above-identified application originally included James J. Solheid, Daniel Ray Mertesdorf, Matthew J. Holmberg, and Trevor D. Smith. I, Joel B. Douglas, **should also be listed** as an inventor on the application. I hereby state that this inventorship error occurred without any deceptive intent on my part.

Date

01/07/07

Joel B. Douglas

Joel B. Douglas



10/613,764

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	SOLHEID ET AL.	Examiner:	J. NASRI
Serial No.:	10/613,764	Group Art Unit:	2839
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CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on January 9, 2006 2007

By: Anne Lee

Name: Bridget O. Gabriel Anne Lee

STATEMENT OF KATHLEEN M. BARNES

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Inventorship in the above-identified application originally included James J. Solheid, Daniel Ray Mertesdorf, Matthew J. Holmberg, and Trevor D. Smith. I, Kathleen M. Barnes, **should also be listed** as an inventor on the application. I hereby state that this inventorship error occurred without any deceptive intent on my part.

December 4, 2006
Date

Kathleen M. Barnes
Kathleen M. Barnes



Serial No.: 10/613,764

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: SOLHEID ET AL. Examiner: J. NASRI
Serial No.: 10/613,764 Group Art Unit: 2839
Filed: JULY 2, 2003 Docket No.: 2316.1785US01
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By: Anne Lee

Name: Bridget C. Gabriel Anne Lee

STATEMENT OF MARLON E. HOLMQUIST

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Inventorship in the above-identified application originally included James J. Solheid, Daniel Ray Mertesdorf, Matthew J. Holmberg, and Trevor D. Smith. I, Marlon E. Holmquist, **should also be listed** as an inventor on the application. I hereby state that this inventorship error occurred without any deceptive intent on my part.

12-12-2006
Date

Marlon E. Holmquist
Marlon E. Holmquist